

CALIFORNIA ENERGY COMMISSION

1516 NINTH STREET
SACRAMENTO, CA 95814-5512
www.energy.ca.gov



November 5, 2010

TEST LABORATORY INFORMATION FOR PLUMBING FITTINGS

To: Laboratories that Test Plumbing Fittings;
Manufacturers of Plumbing Fittings

Subject: Annual Test Laboratory Approval Process

The California Energy Commission's *Appliance Efficiency Regulations* require manufacturers of a wide range of appliances to test units of each basic model of appliance within the scope of Section 1601, using the applicable test method listed in Section 1604. If the manufacturer of the basic model does not participate in an approved industry certification program for the basic model, or does not apply such a program to test all units under the *Appliance Efficiency Regulations*, the testing shall be at a laboratory that the Executive Director determines, under Section 1603(a):

- 1) has conducted tests using the applicable test method within the previous 12 months;
- 2) agrees to and does interpret and apply the applicable test method set forth in Section 1604 of the *Appliance Efficiency Regulations* precisely as written;
- 3) has, and keeps properly calibrated and maintained, all equipment, material, and facilities necessary to apply the applicable test method precisely as written;
- 4) agrees to and does maintain copies of all test reports, and provides any such report to the Executive Director on request, for all basic models that are still in commercial production; and
- 5) agrees to and does allow the Executive Director to witness any test of such an appliance on request, up to once per calendar year for each basic model.

Applying for Approval

Test laboratory approval is valid only through the end of the calendar year shown in the signature block at the end of the application. If you would like the Executive Director to determine that your laboratory meets the criteria in Section 1603(a)(1)-(5), and to

approve your laboratory for such testing through December 31, 2011, please complete the enclosed application.

The application may be filled out on-line or printed out and completed off-line. In either case, sign and scan the signed application and all appropriate documents and attach them to an e-mail addressed to: appliances@energy.state.ca.us. In your e-mail, please indicate "2011 Plumbing Fittings Lab App: <Company Name>" in the subject line, where Company Name is YOUR COMPANY NAME. Alternatively, you may return the original signed application to the address shown below. We are unable to accept applications submitted by FAX. Be sure to include your signed application with all appropriate items attached and send to:

Appliance Efficiency Program
2011 Plumbing Fittings Lab App: <Company Name>
California Energy Commission
1516 Ninth Street, MS-25
Sacramento, CA 95814-5512

Submittal of Test Report

Section 1606(a)(3)(C) requires manufacturers of plumbing fittings to submit test reports upon which the manufacturer relies in filing certification information. Examples of acceptable data sheets appear at the end of the application (the last three pages of this document). It is not necessary that these data sheets be used, but doing so would ensure that all required information is provided. It is expected that the format for all plumbing fitting test reports issued throughout 2011 will not vary from the format used when applying for approval as a test laboratory. Should future test reports used for data certification vary significantly in format from those used for test laboratory approval, the improperly formatted test reports – and the validation submitted using those test reports – will be rejected as unacceptable.

Marking

Section 1607(b) and (c) require that the manufacturer's name or brand name or trademark, model number, and date of manufacture, indicating (i) year and (ii) month or smaller (e.g. week) increment, be permanently, legibly and conspicuously displayed on an accessible place on each unit or on the unit's packaging. Section 1607(d) contains further federal marking requirements that apply to some types of plumbing fittings. Test reports must note whether the marking requirements have been met.

Submittal of Information (Certification) by Manufacturers

The submittal and approval of a test laboratory application does NOT affect the manufacturers' listings of appliance models in the Commission's database. Manufacturers of models accurately listed in the database do not need to resubmit any

information. However, if information about those models has changed or if you have manufactured new models that are not yet in the database, you must submit new certification data.

Manufacturers wishing to verify the status of currently listed models may review their listing at the following link:

<http://appliances.energy.ca.gov/>.

If your model listing is not current, or you need additional certification forms and instructions, they can be found at:

<http://www.energy.ca.gov/appliances/forms/>.

A copy of the Energy Commission's *Appliance Efficiency Regulations* can be found at:

<http://www.energy.ca.gov/appliances/>.

The attached laboratory application may also be obtained at:

<http://www.energy.ca.gov/appliances/forms/>.

The Energy Commission is aware of statements in marketing literature stating or implying Commission approval of products or services. The Energy Commission does not endorse, favor, or recommend any particular product or service. Moreover, California law states that "It is unlawful for any person, firm, corporation, or association that is a nongovernmental entity to . . . solicit the purchase of or payment for a product or service . . . by means of a mailing, electronic message, or Internet Web site that contains a seal, insignia, trade or brand name, or any other term or symbol that reasonably could be interpreted or construed as implying any state or local government connection, approval, or endorsement," with exceptions not relevant here. (California Business & Professions Code section 17533.6.)

If you receive more than one copy of this letter, you are likely on multiple appliance mailing lists. It is not necessary to apply for the exact same test method more than once per calendar year. If you have any questions you may contact appliance program staff at the address above or by email at: appliances@energy.state.ca.us.

Sincerely,

Appliance Efficiency Program

Enclosures: 2011 Plumbing Fittings Test Laboratory Application, Example Data Sheets

PLEASE DO NOT INCLUDE A COPY OF THIS COVER LETTER WITH YOUR APPLICATION

**California Appliance Efficiency Program
2011 Plumbing Fittings Test Laboratory Application**

Note: Your Completed Sample Test Report(s) must be included with this application.

This is a PDF fillable form. You may complete it on line or print it out and complete it off line. After it has been signed, you may scan and return it as an e-mail attachment to appliances@energy.state.ca.us, or return it via mail to:

Appliance Efficiency Program
2011 Plumbing Fittings Lab App: <Company Name>
California Energy Commission
1516 Ninth Street, MS-25
Sacramento, CA 95814-5512

PLEASE ALSO NOTE THAT:

- Applications that have been re-typed in your own format WILL NOT be accepted.
- It is not necessary, and may delay processing of your application, to submit both an email and a mailed application.
- This application must specify the physical address of the location that will be conducting testing.
- Please allow at least four weeks during the heavy renewal period (November-March) before contacting us regarding your application.

Contact Person Name	Phone 1
Company / Laboratory Name	Phone 2
Address	Fax
(Address)	E-mail
(Address)	Company Website (URL)

Plumbing
Fitting
Type(s):

_____ states:
Name of Laboratory

[Initial all appropriate paragraphs]

_____ It has conducted tests using the applicable test method specified immediately below* within the previous 12 months;

_____ ANSI/ASTM F2324-03

_____ ANSI/ASME A112.18.1M-1996

_____ It agrees to and does interpret and apply the applicable test method set forth in Section 1604 precisely as written;

_____ It has, and keeps properly calibrated and maintained, all equipment, material, and facilities necessary to apply the applicable test method precisely as written;

_____ It agrees to and does maintain copies of all test reports, and provides any such report to the Executive Director on request, for all basic models that are still in commercial production; and

_____ It agrees to and does allow the Executive Director to witness any test of such an appliance on request, up to once per calendar year for each basic model.

_____ Test reports issued to clients shall include statements of compliance or non-compliance of the minimum performance provisions shown in Sections 1605.1(h) and 1605.3(h), and the marking provisions in Section 1607.

_____ Attached to this application are one or more examples of a completed sample test report for a plumbing fitting tested to the test method(s) initialed above* by this laboratory within 12 months prior to the date of this application, to demonstrate what and how information is provided.

*** NOTE:** This application may be used for applying to test to ANSI/ASTM F2324-03 and ANSI/ASME A112.18.1M-1996. **A separate test report must be submitted for each test method you are applying to be certified for.** You may submit one or two (1 or 2) test reports with this application, one for each test method. Your application will only be considered for approval for those test methods for which you have submitted a test report.

I declare under penalty of perjury of the laws of the State of California, that:

All the information in this statement is true, complete, accurate, and in compliance with all applicable provisions of Sections 1601 – 1608 of Title 20 of the California Code of Regulations; and

I am authorized to make this declaration, and to file this application, on behalf of

Name of Laboratory

Signature: _____ Date: _____

Typed Name and Title: _____

SPACE BELOW THIS LINE FOR CALIFORNIA ENERGY COMMISSION USE ONLY

The laboratory identified above is hereby approved for testing plumbing fittings to the referenced test methods:

_____ ANSI/ASTM F2324-03 _____ ANSI/ASME A112.18.1M-1996

for compliance with the requirements of the *Appliance Efficiency Regulations* from the date shown until December 31, 2011.

Date

BETTY CHRISMAN, Program Manager
Appliance Efficiency Compliance Program
for the Executive Director

SHOWERHEAD, FAUCET AND REPLACEMENT AERATOR DATA SHEET

Showerhead: ☐ Pulsating Test Date: _____
☐ Non-Pulsating Faucet: ☐ Kitchen
☐ Non-Pulsating ☐ Lavatory
☐ Non-Pulsating ☐ Replacement Aerator

Model #: _____ Serial #: _____
Manufacturer: _____ Brand: _____
Test Procedure: ANSI/ASME A112.18.1M-1996

TEST DATA

Pressure (psig)	At 60 psi	At 80 psi
Water Flow Rate (gpm)		
Water Temperature (°F)		

TEST RESULTS

		YES	NO
Flow Test:	Pass?	<input type="checkbox"/>	<input type="checkbox"/>
Flow Restrictor:	Mechanically retained?	<input type="checkbox"/>	<input type="checkbox"/>

MARKINGS

	On Carton	On Fitting
Flow Rate	<input type="checkbox"/>	<input type="checkbox"/>
Manufacturer Name/Trademark	<input type="checkbox"/>	<input type="checkbox"/>
Model Number	<input type="checkbox"/>	<input type="checkbox"/>
Date of Manufacture	<input type="checkbox"/>	<input type="checkbox"/>

Comments: _____

Test Engineer / Tech _____
Supervising Engineer _____

TUB SPOUT DIVERTER DATA SHEET

Test Date: _____

Model #: _____ Serial #: _____

Manufacturer: _____ Brand: _____

Test Procedure: ANSI/ASME A112.18.1M-1996

TEST DATA

Pressure (psig)	At 20 psi	At 60 psi
Water Leakage Rate, New (gpm)		
Water Leakage Rate, After 15,000 Cycles (gpm)		
Water Temperature (°F)		

TEST RESULTS

		YES	NO
Leakage Rate Test, New:	Pass?	<input type="checkbox"/>	<input type="checkbox"/>
Leakage Rate Test, After 15,000 Cycles:	Pass?	<input type="checkbox"/>	<input type="checkbox"/>

MARKINGS

	On Carton	On Fitting
Flow Rate	<input type="checkbox"/>	<input type="checkbox"/>
Manufacturer Name/Trademark	<input type="checkbox"/>	<input type="checkbox"/>
Model Number	<input type="checkbox"/>	<input type="checkbox"/>
Date of Manufacture	<input type="checkbox"/>	<input type="checkbox"/>

Comments: _____

Test Engineer / Tech _____

Supervising Engineer _____

COMMERCIAL PRE-RINSE SPRAY VALVE DATA SHEET

Test Date: _____

Model #: _____ Serial #: _____

Manufacturer: _____ Brand: _____

Test Procedure: ANSI/ASTM F2324-03

TEST DATA

Pressure (psig)	At 60 psi	At 80 psi
Water Flow Rate (gpm)		
Water Temperature (°F)		

TEST RESULTS

		YES	NO
Flow Test:	Pass?	<input type="checkbox"/>	<input type="checkbox"/>
Cleanability:	Pass?	<input type="checkbox"/>	<input type="checkbox"/>

MARKINGS

	On Carton	On Fitting
Flow Rate	<input type="checkbox"/>	<input type="checkbox"/>
Manufacturer Name/Trademark	<input type="checkbox"/>	<input type="checkbox"/>
Model Number	<input type="checkbox"/>	<input type="checkbox"/>
Date of Manufacture	<input type="checkbox"/>	<input type="checkbox"/>

Comments: _____

Test Engineer / Tech _____

Supervising Engineer _____